

## Product datasheet

# Anti-CD9 antibody [MEM-61] (Biotin) ab28094

### Overview

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<b>Product name</b>	Anti-CD9 antibody [MEM-61] (Biotin)
<b>Description</b>	Mouse monoclonal [MEM-61] to CD9 (Biotin)
<b>Host species</b>	Mouse
<b>Conjugation</b>	Biotin
<b>Specificity</b>	ab28094 recognises CD9
<b>Tested applications</b>	<b>Suitable for:</b> Flow Cyt
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Tissue/ cell preparation (Human): Pre B cell line NALM-6.
<b>Epitope</b>	The antibody recognizes an epitope on second extracellular domain (EC2) of CD9 antigen, a protein of 24 kDa belonging to tetraspans family (TM4SF).
<b>General notes</b>	The purified antibody is conjugated with Biotin-LC-NHS under optimum conditions. The reagent is free of unconjugated biotin.

### Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.40 Preservative: 0.097% Sodium azide Constituent: PBS
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	MEM-61
<b>Isotype</b>	IgG1

### Applications

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Our [Abpromise guarantee](#) covers the use of **ab28094** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
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Flow Cyt		1/400. <a href="#">ab18434</a> - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.
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## Target

<b>Function</b>	Involved in platelet activation and aggregation. Regulates paranodal junction formation. Involved in cell adhesion, cell motility and tumor metastasis. Required for sperm-egg fusion.
<b>Tissue specificity</b>	Expressed by a variety of hematopoietic and epithelial cells.
<b>Sequence similarities</b>	Belongs to the tetraspanin (TM4SF) family.
<b>Post-translational modifications</b>	Protein exists in three forms with molecular masses between 22 and 27 kDa, and is known to carry covalently linked fatty acids.
<b>Cellular localization</b>	Membrane.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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